

In the Abstract

Please enter the follow amendments to the abstract:

A water level controller for a pool has a water level sensor immersed in the pool. A processor detects if the sensor senses low water ~~sensed~~. A transmitter sends a radio frequency signal to a receiver if the processor detects the low water. The receiver turns on a valve to add water to the pool. The transmitter and processor are contained in a waterproof housing ~~that also contains a battery~~. A main power switch is located internally in the housing, and moves between on and off positions by inverting the housing. A wave filter timer within the processor turns on for a selected interval when the processor detects low water. ~~The processor delays the transmitter from sending the signal until the end of the selected interval. Also the processor causes the transmitter to send the signal at the end of the selected interval only if the processor continuously detects low water during the selected interval.~~ The receiver has an overfill counter that turns on for a selected interval when the receiver receives the low water signal ~~one of the signals from the transmitter~~. ~~The overfill counter causes the valve to remain on until the overfill counter reaches a selected count.~~ The receiver resets the overfill counter prior to reaching the selected count each time that the receiver receives a low water signal ~~one of the signals from the transmitter~~.